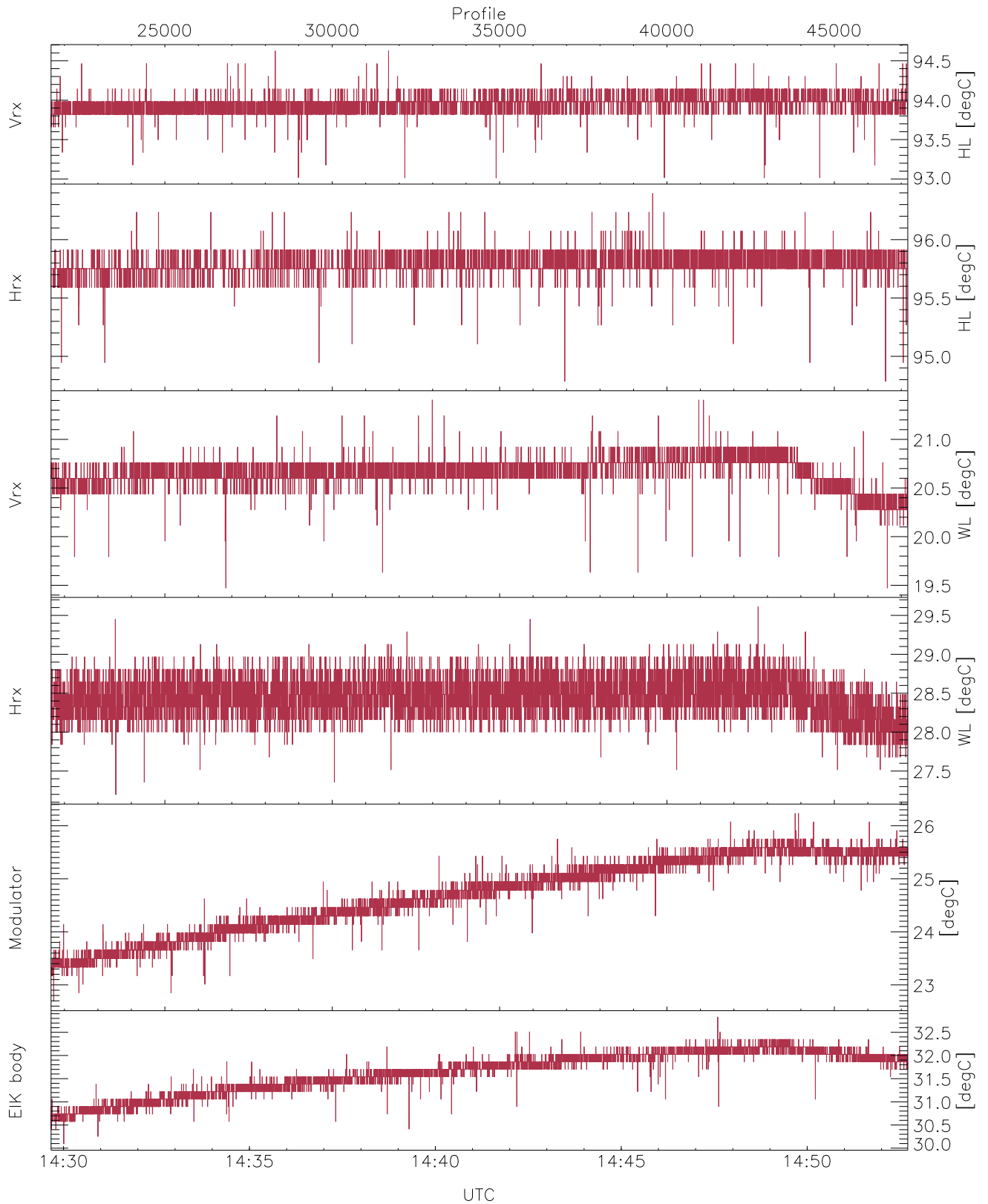


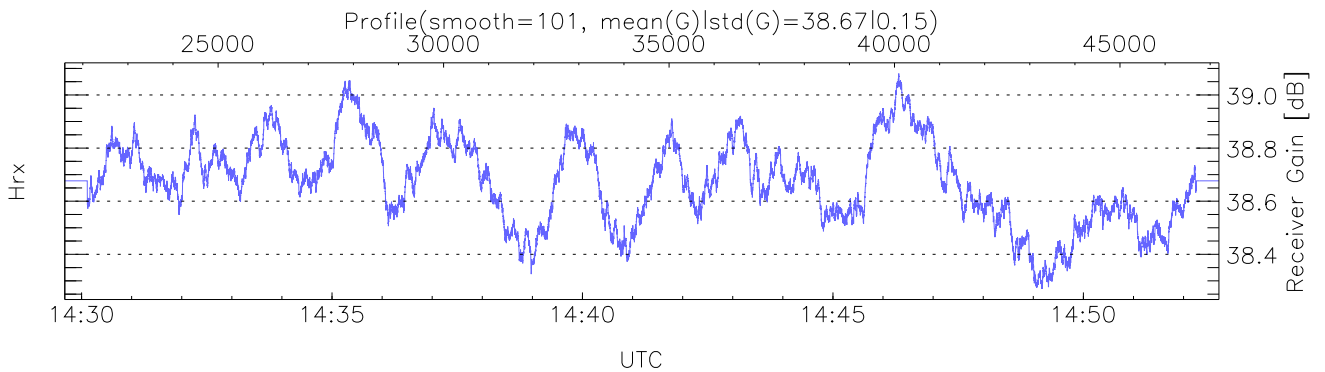
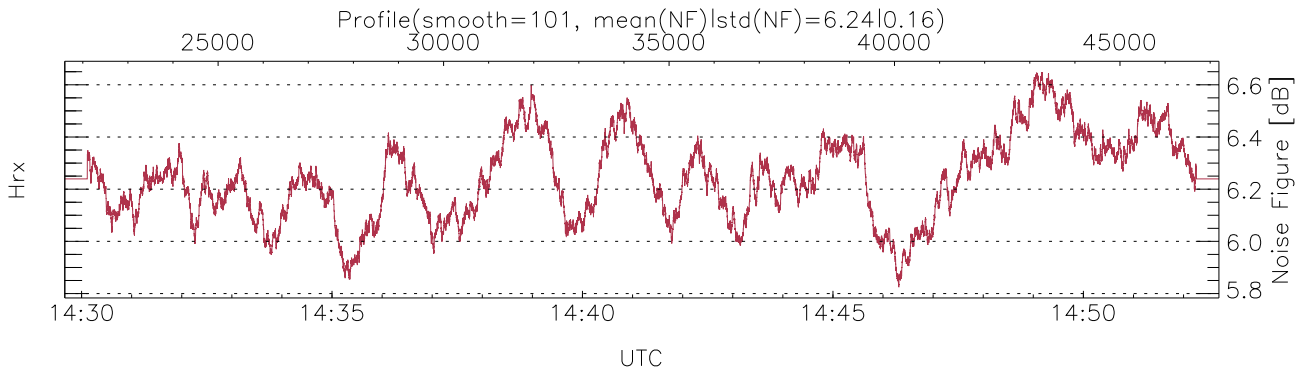
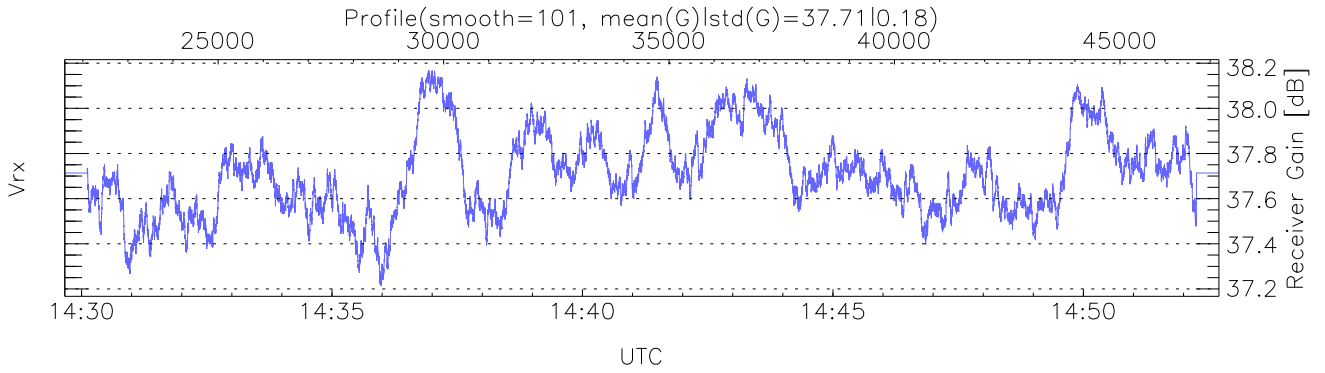
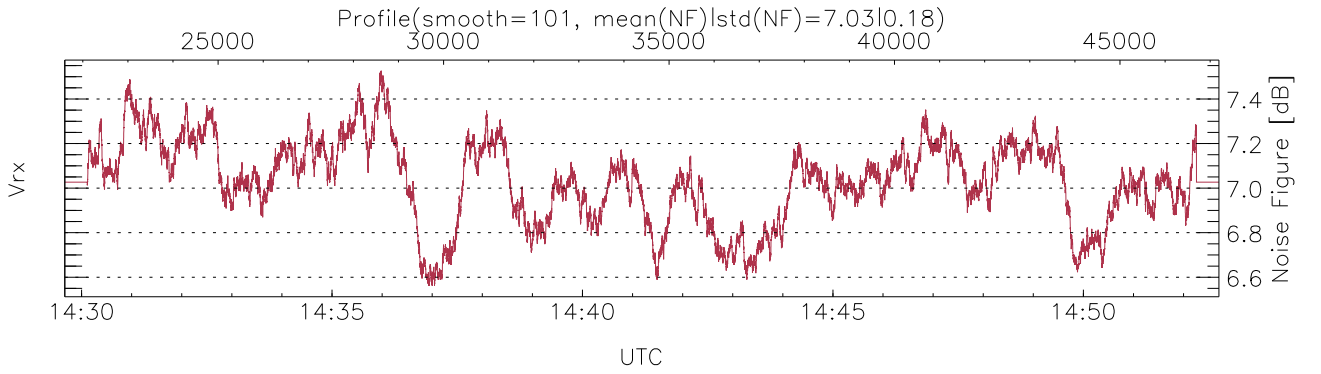
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 14:10:13-14:52:42, Dur: 2549.17s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19  
 NumRec(r/t): 25596/47196, 21600-47195/14:29:40-14:52:42  
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180  
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2  
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us  
 Range(min,max,rqs): 105,6037,15.0 m, Gates: 396, Aspect: 3.1  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



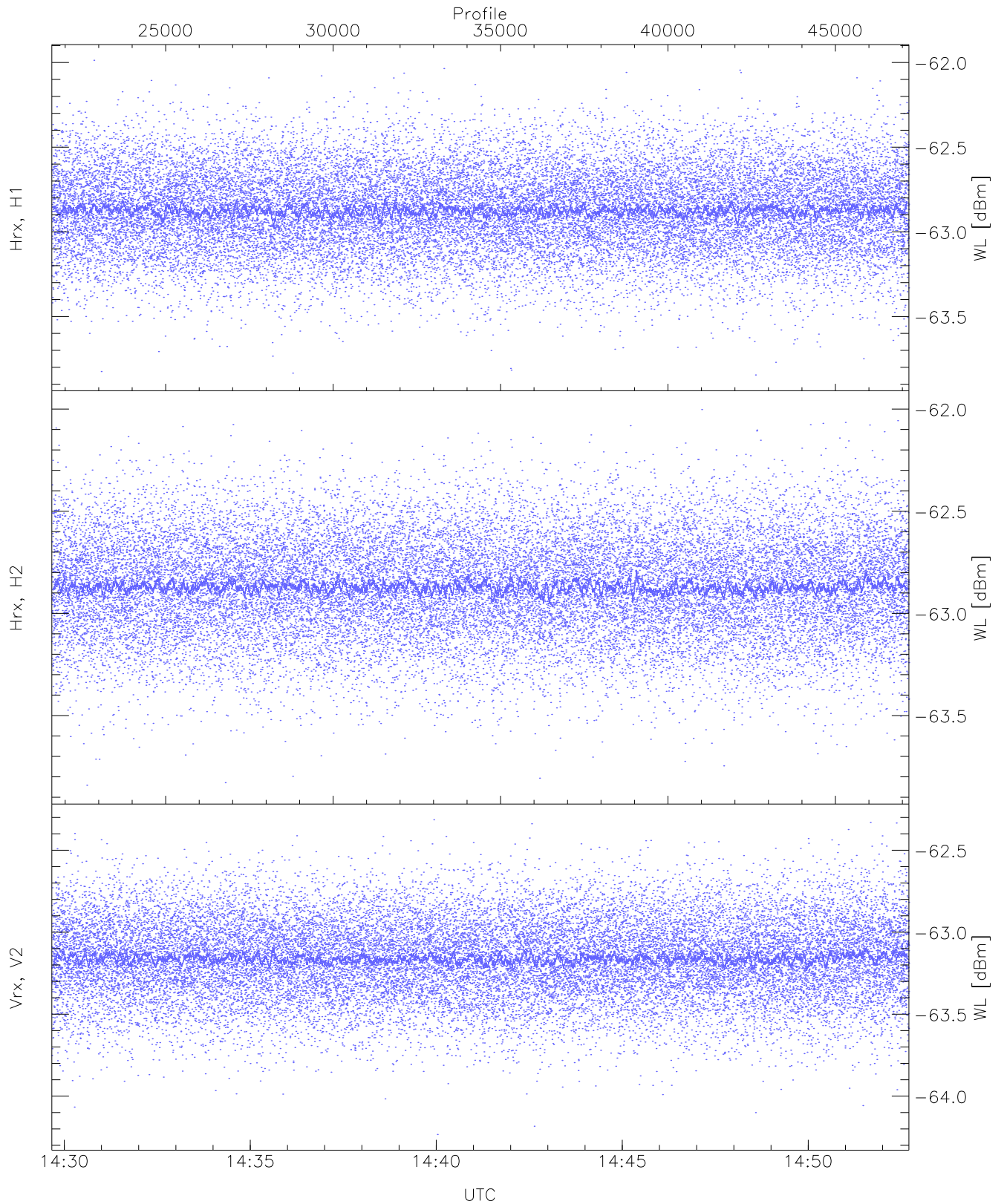
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,19,27,22,30  
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,21,29,26,32  
 LOalarm(20,80,240,2.8,14.8 MHz): None  
 EIK Faults(# prof affected):  
 DeckT, CollT, BodyCurr, DeckF, OverDuty, HVPS (15,15,19,24,24,10)



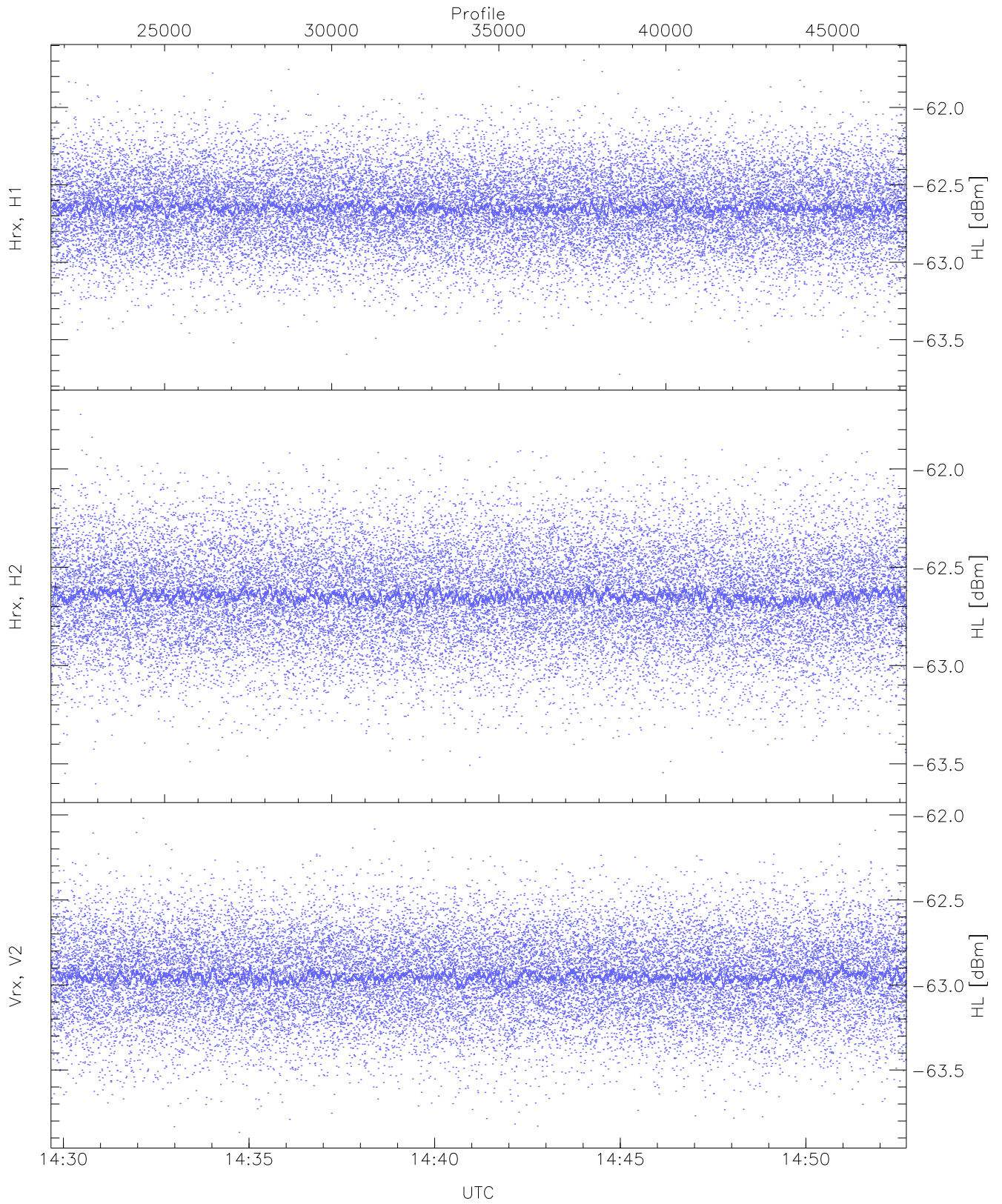
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 2639 pixs, 41 gates, 2524 profs, 1 prods



WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

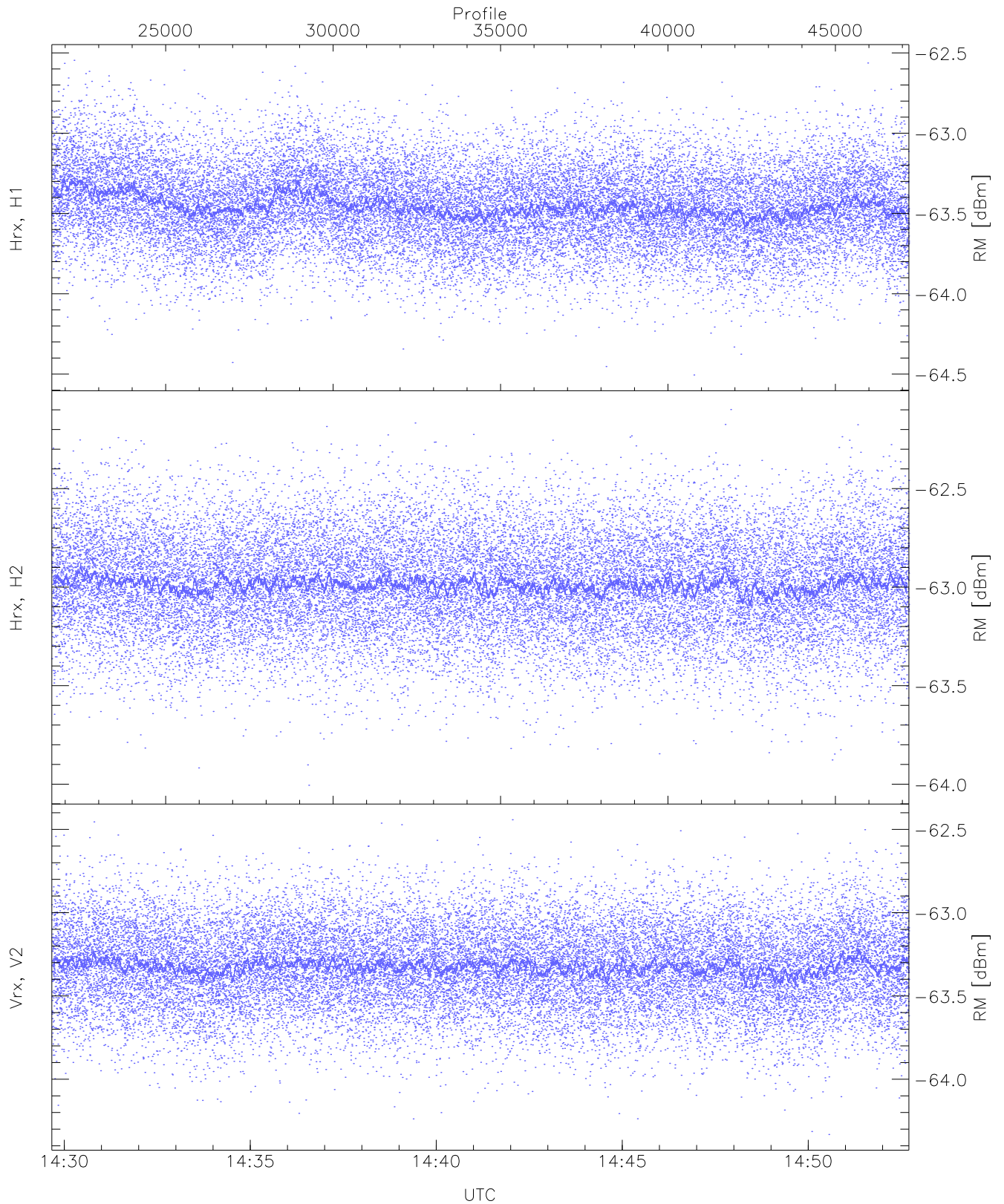
	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.85	-61.99	-62.87	-62.87	-75.59
Hrx, H2(WL [dBm])	-63.84	-62.00	-62.87	-62.87	-75.58
Vrx, V2(WL [dBm])	-64.23	-62.31	-63.16	-63.16	-75.88



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

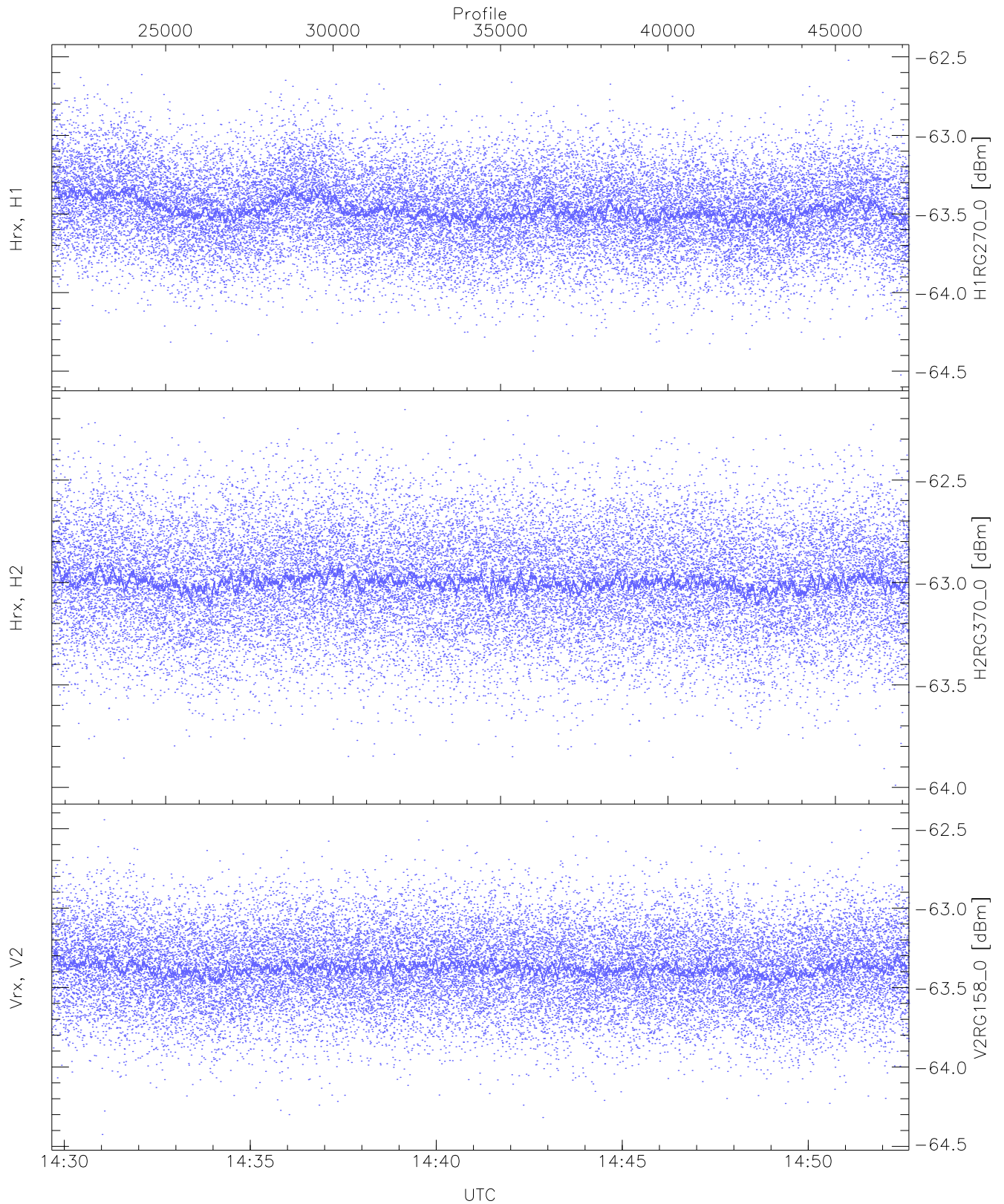
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.72	-61.69	-62.65	-62.65	-75.33
Hrx, H2 (HL [dBm])	-63.60	-61.69	-62.64	-62.65	-75.36
Vrx, V2 (HL [dBm])	-63.87	-62.02	-62.95	-62.95	-75.65





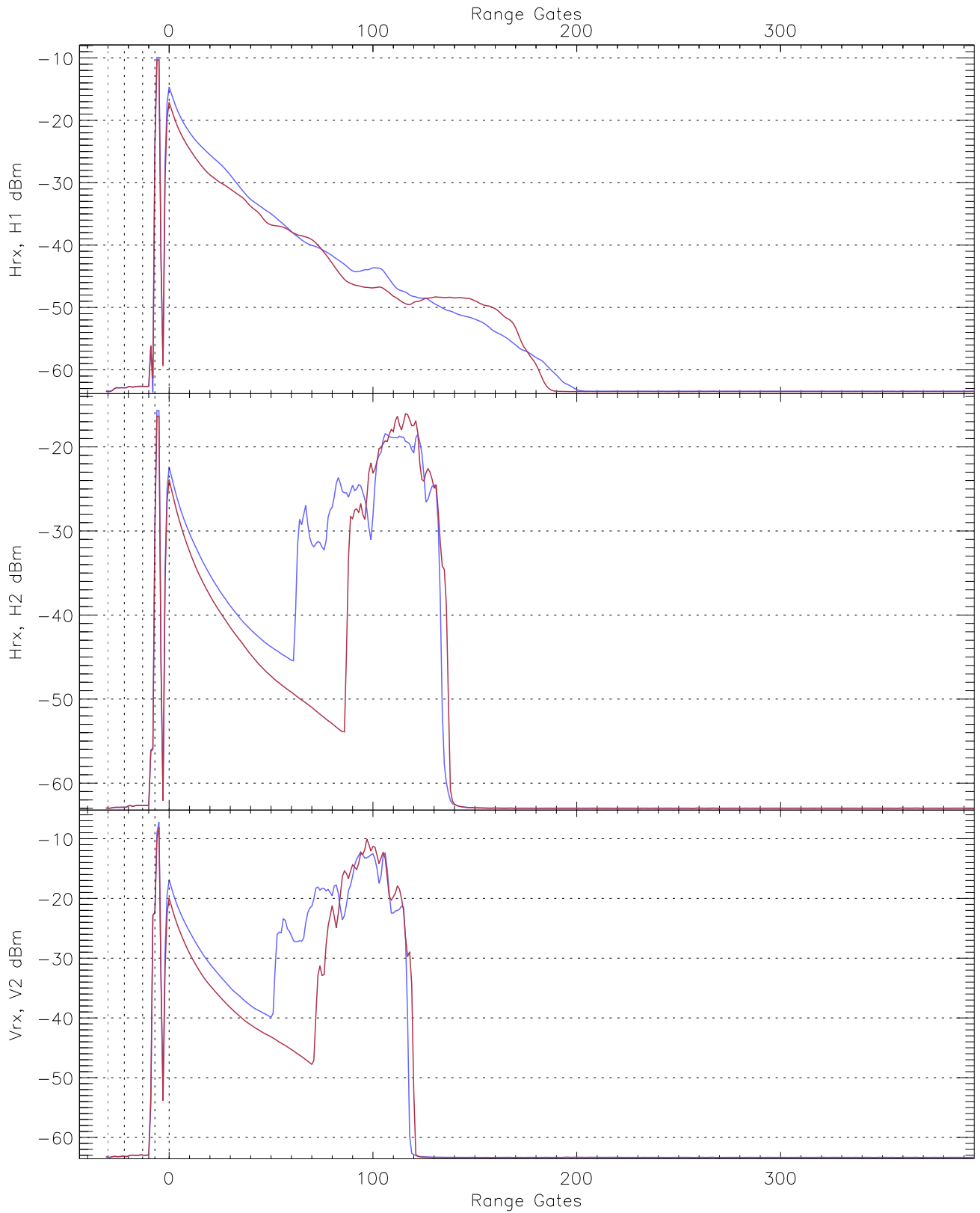
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.51	-62.55	-63.45	-63.46	-76.08
Hrx, H2 (RM [dBm])	-64.01	-62.10	-62.98	-62.99	-75.62
Vrx, V2 (RM [dBm])	-64.33	-62.44	-63.32	-63.33	-76.01



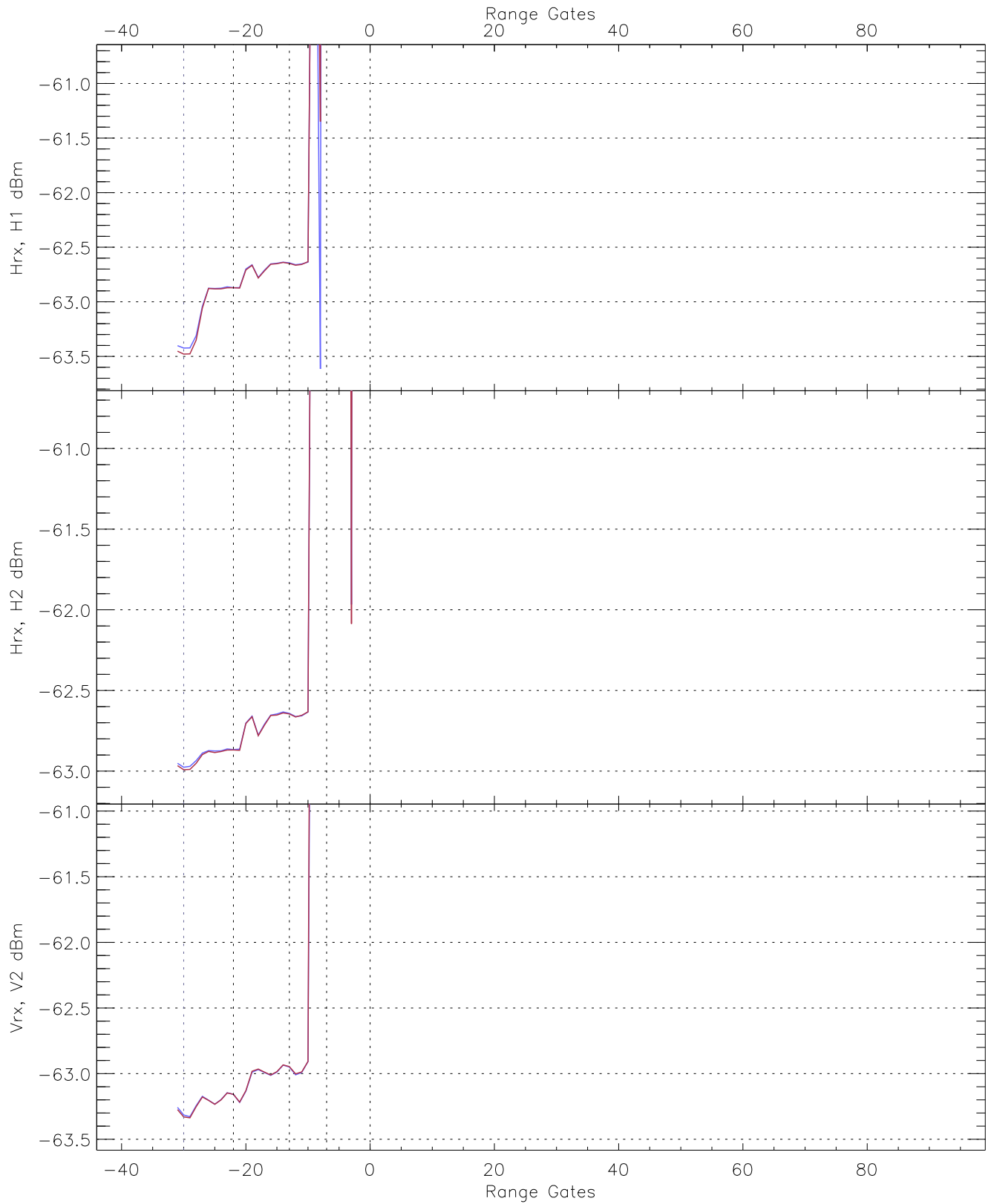
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG270_0 [dBm]	-64.52	-62.52	-63.47	-63.47	-76.07
H2RG370_0 [dBm]	-63.99	-62.16	-63.00	-63.00	-75.64
V2RG158_0 [dBm]	-64.42	-62.44	-63.38	-63.38	-76.04

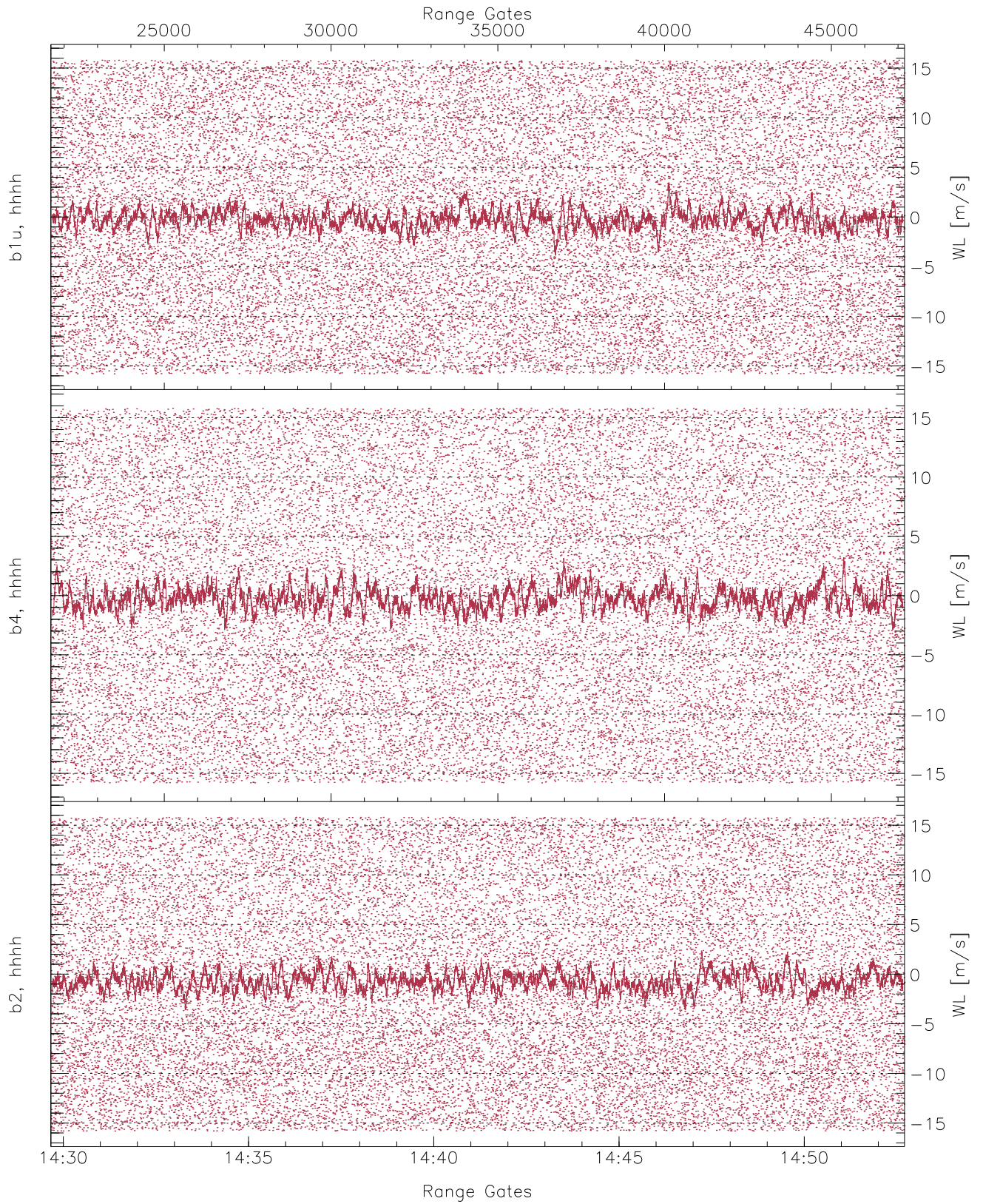


WCR2 CPP Averaged Received power for all recorded gates  
blue: 142940-144111, 12799 profiles averaged  
red: 144111-145242, 12798 profiles averaged

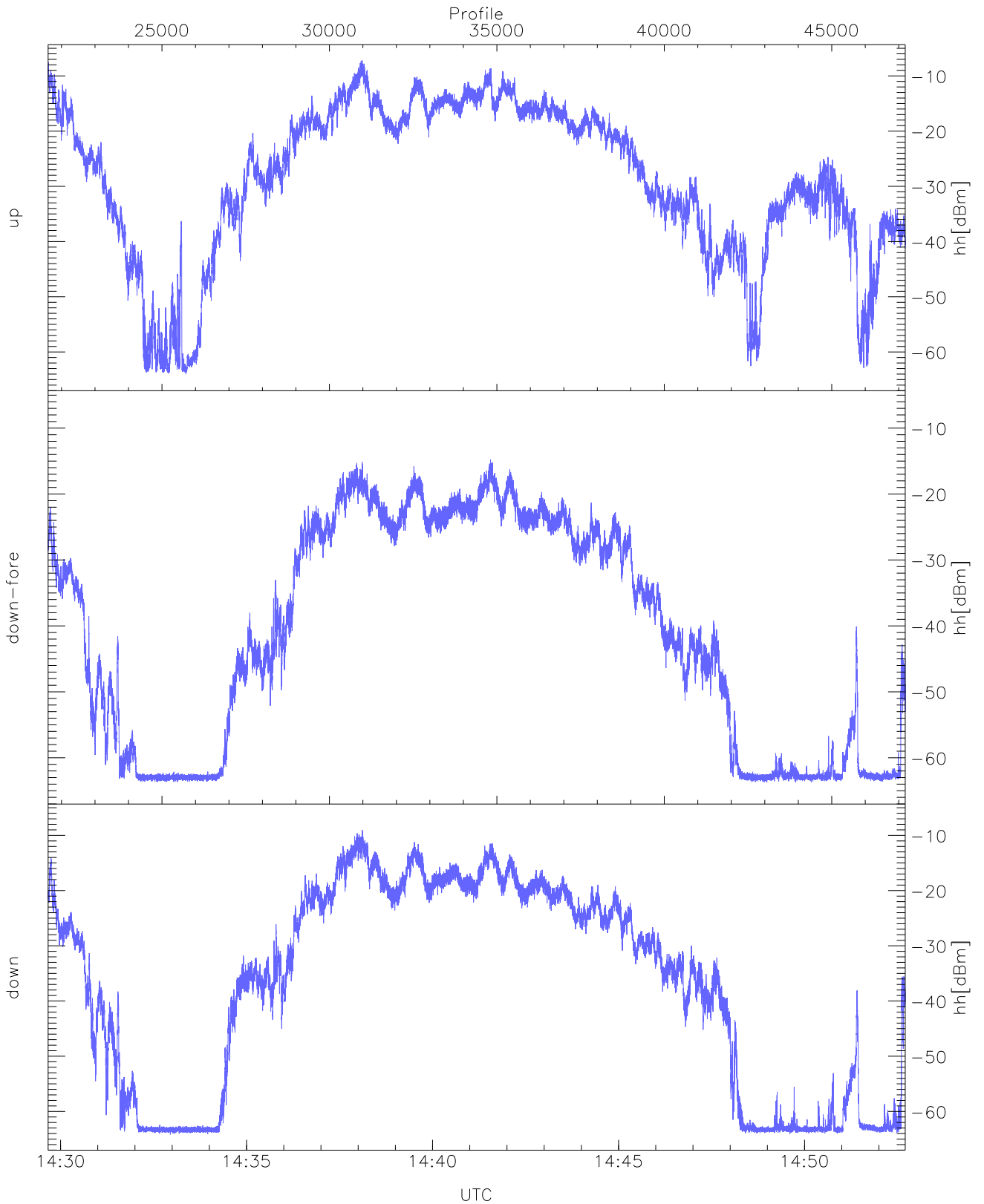




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 142940-144111, 12799 profiles averaged  
red: 144111-145242, 12798 profiles averaged

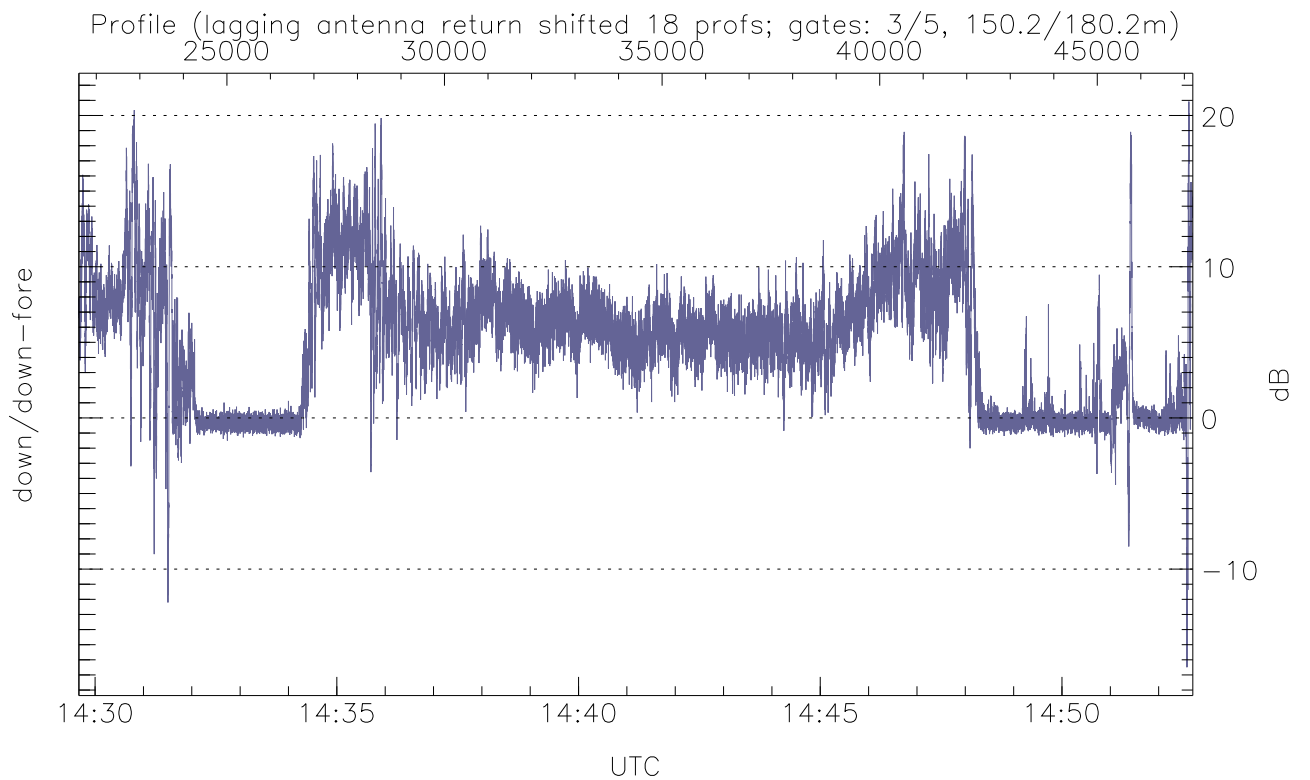
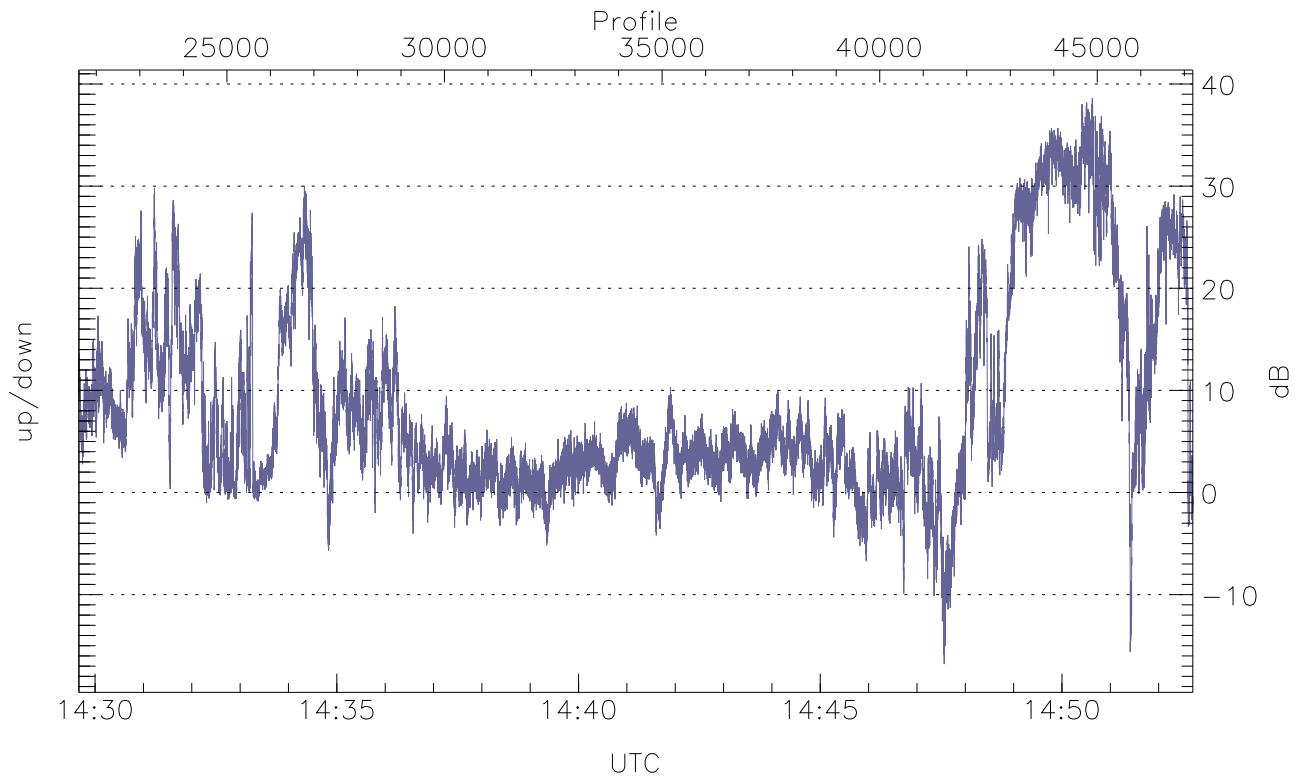


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



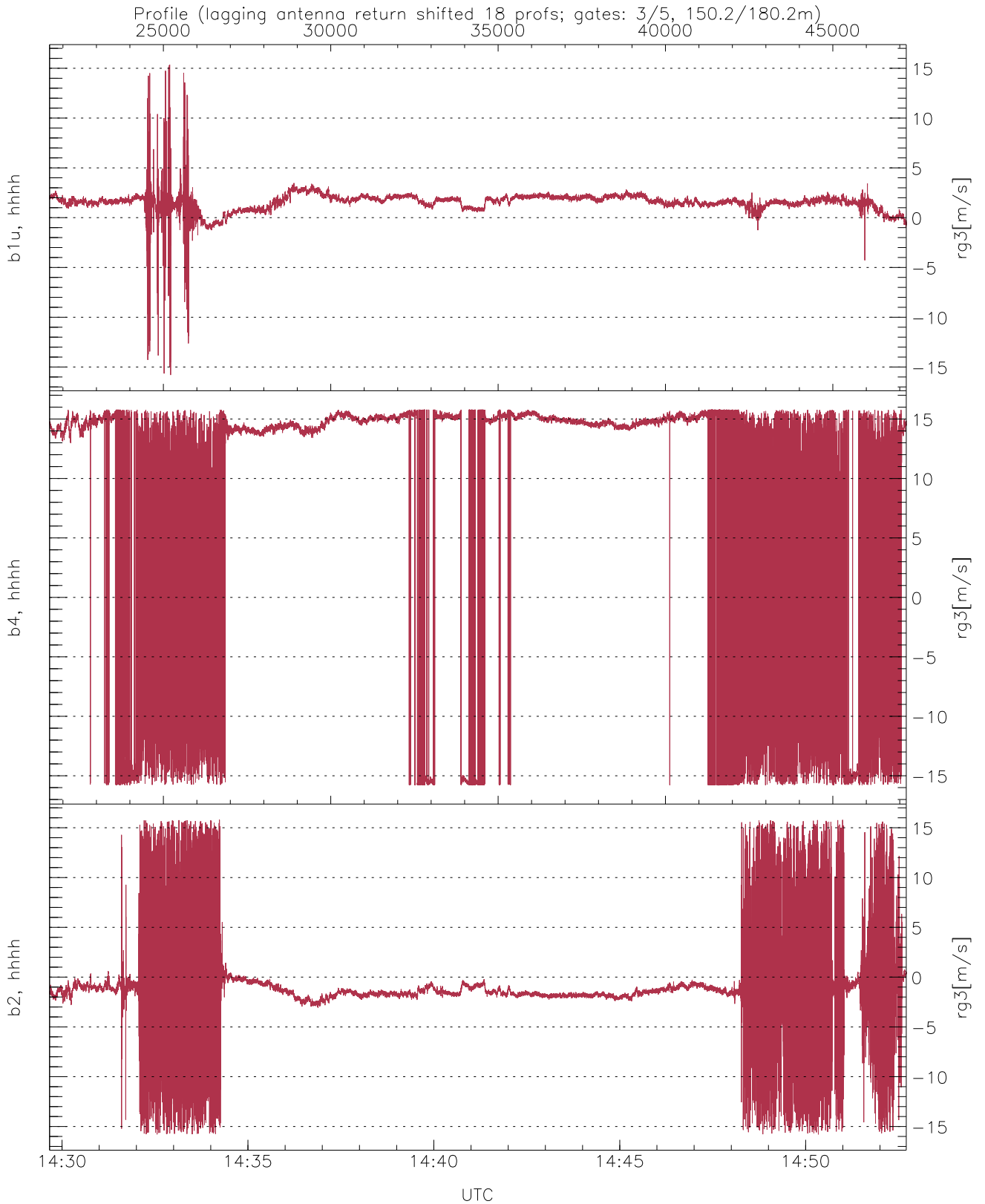
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.01	-7.18	-18.60
down-fore(hh[dBm])	-63.71	-14.76	-26.04
down(hh[dBm])	-64.17	-9.04	-21.52



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 3 (150 m)

	Min	Max	Mean
up/down (dB)	-16.80	38.60	8.61
down/down-fore (dB)	-16.49	20.93	5.05



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.80	15.36	1.54	0.99
b4, hhhh(rg3[m/s])	-15.80	15.80	7.99	11.32
b2, hhhh(rg3[m/s])	-15.80	15.80	-1.14	4.09